

**A METHOD AND SYSTEM FOR MODIFYING PRINT STREAM DATA TO ALLOW
PRINTING OVER A SINGLE I/O PORT**

5

Abstract of the Disclosure

10 The invention is a method and system of modifying print stream data. The method begins by sending a print stream from an application through a graphical device interface to a print spooler. A print stream monitor determines whether or not the print stream comprises a set of text data and/or a set of address data. If the print stream comprises text data, then the text data is tagged and sent to a user mode module where it is stored in a local buffer. The tagged and stored text data is then retrieved and
15 parsed for any address which may be contained within the tagged text. The address data is then extracted from the print stream and placed in an envelope print format to create an envelope data set. An envelope printer device context is then created and the envelope data set is transmitted to an envelope kernel for creating an envelope printer device language file. The print stream is converted by a document printer command
20 language (PCL) generator into an envelope printer language. The envelope data set is then printed. The envelope data set is injected back into the print stream from which it was extracted by merging the set of text data and the set of envelope data. The print stream is then transmitted to a next destination such as a document printer, where a printer driver is then activated for causing a printer to print the document data to one or
25 more sheets.